0	For receiving Office use only	T
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.169)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	**
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	HP220
1	Title of invention	COMPOSITION FOR FORMING ANTI-REFLECTIVE COATING FOR USE IN LITHOGRAPHY
īi .	Applicant	
II-1	This person is	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	NISSAN CHEMICAL INDUSTRIES, LTD.
II-5	Address	7-1, Kandanishiki-cho 3-chome, Chikoda- ku, Tokyo 101-0054 Japan
II - 6	State of nationality	JP
11-7	State of residence	JP
11-8	Telephone No.	047-465-1120
11-9	Facsimile No.	047-462-5133

III-1	Applicant and/or inventor			
III-1-1	This person is	applicant and inventor		
III-1-2	Applicant for	US only		
III-1-4	Name (LAST, First)	KISHIOKA, Takahiro		
III-1-5	Address	c/o Nissan Chemical Industries, Ltd., Toyama Research and Development Center, 635, Sasakura, Fuchu-machi, Nei-gun, Toyama 939-2753 Japan		
III-1 - 6	State of nationality	JP.		
III-1-7	State of residence	JP		
111-2	Applicant and/or Inventor			
III-2-1	This person is	applicant and inventor		
111-2-2	Applicant for	US only		
III-2 -4	Name (LAST, First)	MIZUSAWA, Ken-ichi		
III-2-5	Address	<pre>c/o Nissan Chemical Industries, Ltd., 7-1, Kandanishiki-cho 3-chome, Chikoda- ku, Tokyo 101-0054 Japan</pre>		
III-2-6	State of nationality	JP		
III-2- 7	State of residence	JP		
111-3	Applicant and/or inventor			
III-3-1	This person is	applicant and inventor		
111-3-2	Applicant for	US only		
111-3-4	Name (LAST, First)	ENOMOTO, Tomoyuki		
III-3-5	Address	c/o Nissan Chemical Industries, Ltd., Toyama Research and Development Center, 635, Sasakura, Fuchu-machi, Nei-gun, Toyama 939-2753 Japan		
III-3 - 6	State of nationality	JP		

111-4	Applicant and/or inventor	
111-4-1	This person is	applicant and inventor
111-4-2	Applicant for	US only
111-4-4	Name (LAST, First)	SAKAMOTO, Rikimaru
III-4-5	Address	c/o Nissan Chemical Industries, Ltd., Toyama Research and Development Center, 635, Sasakura, Fuchu-machi, Nei-gun, Toyama 939-2753 Japan
III-4-6	State of nationality	Jb.
III - 4-7	State of residence	JP
III-5	Applicant and/or inventor	
III- 5 -1	This person is	applicant and inventor
III- 5 -2	Applicant for	US only
111-5-4	Name (LAST, First)	NAKAYAMA, Keisuke
111-5-5	Address	c/o Nissan Chemical Industries, Ltd., Toyama Research and Development Center, 635, Sasakura, Fuchu-machi, Nei-gun, Toyama 939-2753 Japan
III-5-6	State of nationality	JP .
111-5-7	State of residence	JP
lII-6	Applicant and/or Inventor	
III-6-1	This person is	applicant and inventor
III - 6-2	Applicant for	US only
III-6-4 .	Name (LAST, First)	KAWAMURA, Yasuo
III-6-5	Address	c/o Nissan Chemical Industries, Ltd., Specialty Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 Japan
III-6-6	State of nationality	JP
III-6-7	State of residence	JP

IV-1	Agent or common representative; or address for correspondence		
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent	
IV-1-1	Name (LAST, First)	HANABUSA, Tsuneo	
IV-1-2	Address	c/o Hanabusa Patent Office, Shin- Ochanomizu Urban Trinity, 2, Kandasu- rugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 Japan	
.IV-1-3	Telephone No.	03-3253-5371	
IV-1-4	Facsimile No.	03-3253-5380	
IV-1-5	e-mail	chemie@hanabusa.gr.jp	
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent	
IV-2-1	Name(s)	NAKAMURA, Toshio; MIYAZAKI, Yoshio; KATO, Tsutomu	
v	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application	·	
VI-1-1	Filing date	09 October 2002 (09.10.2002)	
VI-1-2	Number	2002-295777	
VI-1-3	Country	JP	
VI-2	Priority claim of earlier national		
VI-2-1	Filing date	02 May 2003 (02.05.2003)	
VI-2-2	Number	2003-126886	
VI-2-3	Country	JP	
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)	

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the International filing date, to claim the priority of the earlier application		
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	73	-
IX-3	Claims	8	-
IX-4	Abstract	1	✓
IX-5	Drawings	0	-
IX-7	TOTAL	88	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

Paper Copy (NOT for submission)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	
-	<u> </u>	